

Lockheed Aircraft Corp.		ENGINEERING STUDY <input type="checkbox"/>	CHANGE PROPOSAL <input checked="" type="checkbox"/>	LAC - 46
DATE 7-28-59		AFFECTS: WSPO <input checked="" type="checkbox"/>	PROJECT <input checked="" type="checkbox"/>	
NAME OF MAJOR COMPONENT <u>Autopilot</u>		PART OR LOWEST SUBASSEMBLY <u>Potentiometer</u>	PART NO. & MODEL OR TYPE	
TITLE OF PROPOSAL : <u>Autopilot Mach Pot Replacement</u>				
NATURE OF PROPOSAL :				
<ol style="list-style-type: none"> 1. Replace 500 Ω cockpit mach adjustment potentiometer and 390 Ω paralleling resistor with a 250 Ω potentiometer. (All airplanes except 342, 351, 358 which have been completed). 2. Prepare and issue a Service Bulletin - SB No. 412 3. Provide appropriate kits. 4. We are proceeding with this work in advance of written approval. 				
REASON FOR PROPOSAL :				
<p>To prevent possible malfunction of the autopilot resulting from damage to the mach amplifier due to excessive loading.</p>				
ES	ESTIMATED COST AND TIME INVOLVED :-			
ADDITIONAL FUNDING REQUIRED :-				
CP	ESTIMATED COST FOR KITS OR PARTS : \$2.50 per kit. 10 kits for Project 29 kits for WSPO			
ADDITIONAL FUNDING REQUIRED : None (SP-1917)				
ITEMS AFFECTED BY PROPOSAL :				
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EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 1.5 Hrs.				
SOURCE OF PARTS FOR KIT LAC			AVAILABILITY / WEEKS AFTER APPROVAL Approx. 24 August 1959	
DISPOSITION OF SPARES AFFECTED CU5011 obsolete. Replaced by CU2511				
INITIATED BY : LAC			APPROVED : WSPO PROJECT SIGNED	STAT